

Table E16.gen. Electricity generation: Middle East, High Economic Growth case

billion kilowatthours

Fuel	2020	2025	2030	2035	2040	2045	2050	Average annual percentage change, 2020–2050
Liquid fuels	291	291	156	76	33	13	4	-13.2
Natural gas	872	933	933	892	941	1,035	1,153	0.9
Coal	0	0	6	36	16	36	36	--
Nuclear	6	41	58	73	83	83	83	9.2
Renewables	22	66	159	343	539	622	678	12.1
Hydro	18	18	25	25	25	26	26	1.2
Wind	1	14	46	54	59	64	69	15.8
Geothermal	0	0	1	1	1	1	1	--
Solar	3	34	86	262	453	531	581	18.9
Other	0	0	0	0	0	0	0	--
Net generation to grid	1,191	1,331	1,312	1,420	1,613	1,789	1,954	1.7

Sources: U.S. Energy Information Administration (EIA), World Energy Projection System (2021), run hm_210719.163753.

Notes:

* Totals may not equal sum of components due to independent rounding.

* *Net generation to grid* represents gross generation less losses from thermal efficiency and parasitic load.